

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claim 1. (cancelled)

Claim 2. (cancelled)

Claim 3. (cancelled)

Claim 4. (cancelled)

Claim 5. (cancelled)

Claim 6. (cancelled)

Claim 7. (cancelled)

Claim 8. (cancelled)

Claim 9. (cancelled)

Claim 10. (cancelled)

Claim 11. (cancelled)

Claim 12. (original) A flooring system comprising a subfloor, a flexible, semi-rigid, open-space mat of tangled polymeric filaments overlying the subfloor, a sheet of barrier material overlying the mat, and a layer of hardenable material poured atop the sheet of barrier material to harden in situ atop the sheet of barrier material, wherein the sheet of barrier material is pervious to vapor but is substantially impervious to liquid so as to permit vapor to

pass through the sheet of barrier material and to be vented through the open-space mat during hardening of the hardenable material, and to substantially prevent liquid from passing through the sheet of barrier material and from coming into contact with the subfloor.

Claim 13. (original) The flooring system of Claim 12 wherein the sheet of barrier material is bonded to upper portions of the mat.

Claim 14. (original) The flooring system of Claim 12 wherein the polymeric filaments that form the mat are selected from a group consisting of polyolefins, polypropylenes, polyethylenes, polyamides and polyvinylchlorides, and the filaments of the mat are heat bonded at intersections thereof that are randomly located throughout the mat.

Claim 15. (original) The flooring system of Claim 12 wherein the hardenable material is gypsum concrete.

Claim 16. (cancelled)

Claim 17. (cancelled)

Claim 18. (cancelled)

Claim 19. (cancelled)

Claim 20. (cancelled)

Claim 21. (cancelled)

Claim 22. (cancelled)

Claim 23. (cancelled)

Claim 24. (cancelled)

Claim 25. (cancelled)

Claim 26. (cancelled)

Claim 27. (cancelled)